

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|------------------------|------------------|---------|------------------|
| S186  | 79    | ("0009241"   "0159710"   "1038184"   "1645981"   "2507535"   "2518994"   "3001000"   "3217400"   "3681844"   "3718350"   "3731684"   "3784235"   "3895636"   "3920338"   "4299030"   "4703560"   "4760848"   "4823463"   "4881776"   "4896678"   "4950273"   "5026371").PN. OR ("5133735").URPN. | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2010/03/04 10:21 |
| S185  | 14    | ("4084594"   "4815476"   "4899734"   "5133735"   "5160343"   "5196023"   "5261917"   "5308358"   "5314445"   "5334198"   "H001028").PN. OR ("5472451").URPN.   | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2010/03/04 10:18 |
| S184  | 179   | S177 and S183  | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2010/03/04 10:16 |
| S183  | 1321  | 606/205.ccls.  | US-PGPUB; USPAT        | OR               | OFF     | 2010/03/04 10:16 |
| S182  | 136   | S177 and S181  | US-PGPUB; USPAT        | OR               | OFF     | 2010/03/04 10:14 |
| S181  | 1769  | 606/170,174.ccls.  | US-PGPUB; USPAT        | OR               | OFF     | 2010/03/04 10:14 |
| S180  | 40    | S177 and S179  | US-PGPUB; USPAT        | OR               | OFF     | 2010/03/04 10:13 |
| S179  | 319   | 606/206.ccls.  | US-PGPUB; USPAT        | OR               | OFF     | 2010/03/04 10:13 |
| S178  | 170   | S177 and S176  | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2010/03/04 09:59 |
| S177  | 68980 | (thumb finger fingers hand grip handle) with (position placement) with (rotate comfortable ergonomic pivot)  | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2010/03/04 09:59 |
| S176  | 854   | 606/51,52.ccls.  | US-PGPUB; USPAT; USOCR | OR               | OFF     | 2010/03/04 09:59 |
| S175  | 1769  | 606/170,174.ccls.  | US-PGPUB; USPAT        | OR               | OFF     | 2010/03/03 14:55 |

|      |         |  |                              |    |     |                     |
|------|---------|--|------------------------------|----|-----|---------------------|
| S174 | 318     | 606/206 ccls.  | US-PGPUB;<br>USPAT;          | OR | OFF | 2010/03/03<br>14:55 |
| S171 | 98      | S170 and S124  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>14:53 |
| S170 | 68951   | (thumb finger fingers hand grip handle) with (position placement) with (rotate comfortable ergonomic pivot)                  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>14:52 |
| S169 | 3518716 | (thumb finger fingers hand grip)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>14:51 |
| S168 | 60      | S167 and S130  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>14:50 |
| S167 | 156     | S165 and S166  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>14:50 |
| S166 | 707309  | (thumb finger fingers)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>14:50 |
| S165 | 224     | S164 and (handle grip) with (rotate comfortable ergonomic pivot)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>14:50 |
| S164 | 849     | 606/51,52.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>14:49 |
| S163 | 10      | ("4043323"   "4091539"   "5160343"   "5174300"   "5318579"   "5342390"   "5342391"   "5359993").<br>PN. OR ("6039752").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>14:46 |
| S162 | 1       | (10/625965).APP.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>14:18 |
| S161 | 310     | S160 and S130  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/03/03<br>13:54 |
| S160 | 488     | S159 and (handle grip) with (rotate comfortable ergonomic pivot)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>13:54 |
| S159 | 1321    | 606/205 ccls.  | US-PGPUB;<br>USPAT           | OR | OFF | 2010/03/03<br>13:54 |
| S158 | 10      | ("4043323"   "4091539"   "5160343"   "5174300"   "5318579"   "5342390"   "5342391"   "5359993").<br>PN. OR ("6039752").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>13:50 |
| S157 | 162     | S155 and (handle grip) with (rotate comfortable ergonomic pivot)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>13:45 |

|      |     |  |                              |    |     |                     |
|------|-----|--|------------------------------|----|-----|---------------------|
| S156 | 302 | S155 and (handle grip)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>13:44 |
| S155 | 343 | S154 and S130  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>13:44 |
| S154 | 503 | ("0848126"   "1274669"  <br>"1513367"   "1659112"  <br>"1880551"   "1969342"  <br>"20010018553"  <br>"20020062065"  <br>"20020095177"  <br>"20030212308"  <br>"20040220449"  <br>"20050070754"  <br>"20050070764"  <br>"2214985"   "2363334"  <br>"2365647"   "2518994"  <br>"3074408"   "3168097"  <br>"3404677"   "3750652"  <br>"3895636"   "3924608"  <br>"3961621"   "3985138"  <br>"3989033"   "4027510"  <br>"4152920"   "4258716"  <br>"4367746"   "4421106"  <br>"4433687"   "4440170"  <br>"4461281"   "4462404"  <br>"4491135"   "4557255"  <br>"4562839"   "4573450"  <br>"4580567"   "4602631"  <br>"4620547"   "4635638"  <br>"4643190"   "4644651"  <br>"4646751"   "4656999"  <br>"4706668"   "4760848"  <br>"4815476"   "4872456"  <br>"4887612"   "4890615"  <br>"4898157"   "4909789"  <br>"4935027"   "4944093"  <br>"4950273"   "4955887"  <br>"5002543"   "5014407"  <br>"5084054"   "5100421"  <br>"5133735"   "5147373"  <br>"5152278"   "5152780"  <br>"5171256"   "5171257"  <br>"5174300"   "5192298"  <br>"5201743"   "5219357"  <br>"5228451"   "5234453"  <br>"5261917"   "5280788"  <br>"5291010"   "5304183"  <br>"5308357"   "5318023"  <br>"5352235"   "5354291"  <br>"5368606"   "5370658"  <br>"5373854"   "5383895"  <br>"5400768"   "5403332"  <br>"5431675"   "5439000"  <br>"5439468"   "5441494"  <br>"5456684"   "5470328"  <br>"5471992"   "5482054"  <br>"5483952"   "5498256" | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>13:44 |

|      |       |  |                              |    |    |                     |
|------|-------|--|------------------------------|----|----|---------------------|
|      |       | "5501698"   "5527339"  <br>"5536248"   "5558100"  <br>"5562102"   "5562655"  <br>"5571129"   "5618306"  <br>"5626597"   "5630832"  <br>"5667473"   "5755723"  <br>"5762613"   "5810876"  <br>"5827323"   "5830231"  <br>"5843000"   "5848978"  <br>"5857961"   "5908381"  <br>"5908436"   "5910105"  <br>"6017358").PN. OR<br>("6039752"   "6066102"  <br>"6162209"   "6533720"  <br>"6533797"   "6575919"  <br>"6679834"   "6786865").<br>PN. OR ("2006/0149222"  <br>"5147373"   "5261917"  <br>"5275613"   "5308357"  <br>"5618306"   "6299625"  <br>"6394964"   "6428530"  <br>"6533797"   "6673092"  <br>"7094202").URFN. |                              |    |    |                     |
| S153 | 0     | S151 and S130  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/03/03<br>13:43 |
| S152 | 1099  | S151 and10   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/03/03<br>13:43 |
| S151 | 25    | S150 same laparoscopic   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/03/03<br>13:43 |
| S150 | 443   | pivot with grip with pistol  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/03/03<br>13:43 |
| S149 | 203   | S148 and "606".clas.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/03/03<br>13:16 |
| S148 | 322   | S147 and S130  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/03/03<br>13:16 |
| S147 | 836   | S145 and ((medical<br>surgical) with (tool jaw<br>forceps instrument))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/03/03<br>13:15 |
| S146 | 13636 | S145 and S130  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/03/03<br>13:15 |
| S145 | 71784 | S144 same (pivot pivoting<br>pivotable pivoted)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2010/03/03<br>13:15 |

|      |        |   |                              |    |     |                     |
|------|--------|---|------------------------------|----|-----|---------------------|
| S144 | 175642 | ((first one left right) with (lever handle grip gripping trigger)) same ((interengagement interconnected interconnecting connected connect interconnect) with (other opposite another second third opposing)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/03/03<br>13:15 |
| S143 | 103311 | S142 same (pivot pivoting pivotable pivoted)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/03/03<br>13:14 |
| S142 | 271782 | (lever handle grip gripping trigger) same ((interengagement interconnected interconnecting connected connect interconnect) with (other opposite another second third opposing))                               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2010/03/03<br>13:13 |
| S141 | 14     | ("1326299"   "2184909"   "2382281"   "2708311"   "3825020").PN. OR ("4744147").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>13:11 |
| S140 | 16     | ("20060149222"   "4744147"   "5147373"   "5261917"   "5275613"   "5281220"   "5376094"   "5456684"   "6066146"   "6258101"   "6299625"   "6383195"   "6394964"   "6428530"   "6533797"   "6673092").PN.       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>11:56 |
| S139 | 226    | S138 same (handle actuator grip actuating actuation) and S130   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>11:46 |
| S138 | 1298   | (movement squeezing compression actuation actuating pressing) with (lever handle grip trigger) with (simultaneous) with (second other opposite)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>11:46 |
| S137 | 45     | S136 and S130   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>11:45 |
| S136 | 111    | S135 same ((medical surgical) with (handle actuation grip))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>11:45 |

|      |         |  |                              |    |     |                     |
|------|---------|--|------------------------------|----|-----|---------------------|
| S135 | 10239   | (movement squeezing compression actuation actuating pressing) with (lever handle grip trigger) with (causes effects corresponding simultaneous) with (second other opposite)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>11:45 |
| S133 | 13      | ("4644651"   "5160343"   "5174300"   "5184625"   "5211655"   "5312433"   "5330496").PN. OR ("5439461").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>10:16 |
| S132 | 43      | S128 and S130  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>09:59 |
| S131 | 25      | S129 and S130  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>09:58 |
| S130 | 3921648 | @ad< "20020725"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>09:58 |
| S129 | 63      | S128 and S125  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>09:58 |
| S128 | 108     | S126 same ((medical surgical) with (handle actuation grip))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>09:58 |
| S127 | 882     | S126 and S125  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>09:58 |
| S126 | 9113    | (movement squeezing compression actuation actuating pressing) with (lever handle grip trigger) with (causes effects corresponding) with (second other opposite)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>09:58 |
| S125 | 148111  | (forceps jaws)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>09:56 |
| S124 | 2011    | 606/1.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>09:56 |
| S123 | 40      | ("2898916"   "4248233"   "4590936"   "4598711"   "4644651"   "4777948"   "4950273"   "4957500"   "5009661"   "5195505"   "5199419"   "5250073"   "5273519"   "5304203"   "5333238"   "5342391").PN. OR ("5470328").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>09:46 |

|      |    |  |                              |    |     |                     |
|------|----|--|------------------------------|----|-----|---------------------|
| S122 | 70 | ("3404677"   "4258716"  <br>"4433687"   "4462404"  <br>"4643190"   "4644651"  <br>"4760848"   "4955887"  <br>"5133735"   "5152780"  <br>"5171256"   "5174300"  <br>"5192298"   "5219357"  <br>"5234453"   "5304183"  <br>"5308357"   "5370658"  <br>"5439468"   "5470328"  <br>"5498256").PN. OR<br>("5618306").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/03<br>09:36 |
| S121 | 24 | ("20010018553"  <br>"20020062065"  <br>"20020095177"  <br>"20030212308"  <br>"20040220449"  <br>"20050070754"  <br>"20050070764"  <br>"4909789"   "5152278"  <br>"5352235"   "5431675"  <br>"5483952"   "5562655"  <br>"5626597"   "5810876"  <br>"5827323"   "5830231"  <br>"5908436"   "6162209"  <br>"6533720"   "6533797"  <br>"6575919"   "6679834"  <br>"6786865").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/02<br>16:10 |
| S120 | 9  | ("5370658"   "5383895"  <br>"5501698"   "5618306").<br>PN. OR ("6533797").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2010/03/02<br>14:57 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query   | DBs                         | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------------------------|------------------|---------|------------------|
| S192  | 23   | ((lever trigger actuator) and<br>(loop ring) and<br>(interengagement<br>interlocking interconnected<br>joined connected<br>engagement) and<br>(coordinated simultaneous<br>reciprocal) and (forceps jaw<br>instrument tool) and ((finger<br>thumb hand grip) with<br>(comfortable comfort<br>position rotate ergonomic))).<br>clm. | US-PGPUB;<br>USPAT;<br>UPAD | OR               | ON      | 2010/03/04 10:50 |

|      |      |   |                             |    |    |                  |
|------|------|---|-----------------------------|----|----|------------------|
| S191 | 282  | ((lever trigger actuator) and (loop ring) and (interengagement interlocking interconnected joined connected engagement) and (forceps jaw instrument tool) and ((finger thumb hand grip) with (comfortable comfort position rotate ergonomic))).<br>clm.   | US-PGPUB;<br>USPAT;<br>UPAD | OR | ON | 2010/03/04 10:48 |
| S190 | 461  | ((lever trigger actuator handle) and (loop ring) and (interengagement interlocking interconnected joined connected engagement) and (forceps jaw instrument tool) and ((finger thumb hand grip) with (comfortable comfort position rotate ergonomic))).<br>clm.  | US-PGPUB;<br>USPAT;<br>UPAD | OR | ON | 2010/03/04 10:48 |
| S189 | 489  | ((lever trigger actuator handle) and (loop ring) and (interengagement interlocking interconnected joined connected engagement corresponding coordinated pivoting pivotable) and (forceps jaw instrument tool) and ((finger thumb hand grip) with (comfortable comfort position rotate ergonomic))).<br>clm. | US-PGPUB;<br>USPAT;<br>UPAD | OR | ON | 2010/03/04 10:48 |
| S188 | 289  | S187 and "606".clas.  | US-PGPUB;<br>USPAT;<br>UPAD | OR | ON | 2010/03/04 10:30 |
| S187 | 1543 | ((lever trigger actuator handle) and (loop ring) and (interengagement interlocking interconnected joined connected engagement corresponding coordinated pivoting pivotable) and (forceps jaw instrument tool) and (finger thumb hand grip)).clm.  | US-PGPUB;<br>USPAT;<br>UPAD | OR | ON | 2010/03/04 10:30 |

3/ 9/ 2010 1:49:20 PM

C:\Documents and Settings\vchen2\My Documents\EAST\Workspaces\10625965 enhanced dexterity handpiece.wsp